

48





3 a substitute reservation preparation element adapted  
4 to prepare, when the acceptance of the reservation in the  
5 reservation booking request is allowed by the reservation taking  
6 element, at least one substitute reservation plan which is  
7 obtained by at least partially altering the contents of  
8 reservation in the reservation booking request accepted by the  
9 first acceptance element, in such a manner that a general  
10 resource utilization efficiency increases in accordance with

1 7. A service supplying system according to claim 6, wherein:  
2 said resources include a transmission and exchange

1 9. A service reservation taking method for receiving from users

**SECRET**

2 the reservation for utilizing services supplied by using  
3 resources, comprising:

4 a first step of accepting service reservation booking  
5 requests from the users;

6 a second step of preparing at least one substitute  
7 reservation plan which is obtained by at least partially altering  
8 the contents of reservation in the accepted reservation booking  
9 requests, in such a manner that a general resources utilization  
10 efficiency increases in accordance with the contents of the  
11 reservation and a load level of resources used for supplying  
12 of the object services relative to the reservation condition;

13 a third step of presenting said at least one substitute  
14 reservation plan to the users;

15 a fourth step of accepting the user's selection of said  
16 at least one substitute reservation plan; and

17 a fifth step of accepting as reservation the substitute  
18 reservation plan selected by the users.

1 10. A recording medium storing therein a program read and  
2 executed by an electronic computer,

3 said program comprising a program for constituting on  
4 the electronic computer a service reservation system adapted  
5 to accept from users reservation for the utilization of services  
6 supplied by using resources,

7 said service reservation system including:

8 a reservation condition management element adapted to  
9 manage the accepted reservation of services as reservation  
10 conditions;

11 a first acceptance adapted to accept service booking  
12 requests from users;

13 an importance degree determining element adapted to  
14 determine in accordance with preset specifications a degree  
15 of importance of the service booking requests accepted by the  
16 first acceptance element; and

17 a reservation taking element adapted to, when a load level,  
18 which is determined depending upon the reservation condition  
19 managed by the reservation condition management element, of  
20 resources used for supplying object services relative to the  
21 service booking requests accepted by the first acceptance  
22 element is higher than a predetermined level, deny the acceptance  
23 of the service booking requests if the degree of importance  
24 of the service booking requests determined by the importance  
25 degree determining element is lower than a predetermined  
26 importance degree determined by a predetermined standard and  
27 permit the acceptance of the service booking requests if the  
28 degree of importance of the service booking requests determined  
29 by the importance degree determining element is not lower than  
30 the predetermined importance degree.



1 11. A recording medium storing therein a program read and  
2 executed by an electronic computer,

3 said program comprising a program for constituting on  
4 the electronic computer a service reservation system adapted  
5 to accept from users reservation for the utilization of services  
6 supplied by using resources,

7 said service reservation system including:

8 a reservation condition management element adapted to  
9 manage accepted reservations of services as reservation  
10 condition;

11 a first acceptance element adapted to accept service  
12 booking requests from users,

13 a substitute reservation plan preparation element  
14 adapted to prepare at least one substitute reservation plan  
15 which is obtained by at least partially altering the contents  
16 of reservation in the reservation booking requests accepted  
17 by the first acceptance element, in such a manner that a general  
18 resources utilization efficiency increases in accordance with  
19 the contents of the reservation and a load level of resources  
20 used for supplying of the object services relative to the  
21 reservation booking requests, said load level being determined  
22 by the reservation condition managed by the reservation  
23 condition management element;

24 a substitute reservation plan presentation element

25 adapted to present said at least one substitute reservation  
26 plan which is prepared by the substitute reservation plan  
27 preparation element, to the users;

28 a second acceptance element adapted to accept the user's  
29 selection of said at least one substitute reservation plan;  
30 and

31 a reservation element adapted to accept as reservation  
32 the substitute reservation plan whose selection is accepted  
33 by the second acceptance element.

All  
Cont'd

000T80"0E95E960